

DECLARATION - USA PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD OF DIGITAL IMAGE ENHANCEMENT AND SHARPENING; the specification of which was filed as International Application No. PCT/US99/21067, the U. S. national phase of which was assigned U. S. Application No. 09/787,309.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application(s) listed below.

Application No.: 60/100,136

Filing Date: September 14, 1998

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Oleg N. Portniaguine

Inventor's signature *Oleg N. Portniaguine*

Date 21 MAY 2001

Residence: Salt Lake City, UT

Citizenship: Russia

Post Office Address: Same as Above



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Inventor's signature Michael Phelan

Date 05/18/2001

Citizenship: ~~Russia~~ *USA*

Post Office Address: ~~Same as Above~~

4740 South Bron Bridge St.

Salt Lake City, UT 84117

KNOBBE, MARTENS, OLSON & BEAR, LLP

Customer No. 20,995

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1. The first step is to identify the problem or goal. This involves understanding the current situation and what needs to be achieved.

RECORDATION FORM COVER SHEET
PATENTS ONLY

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TO THE ASSISTANT COMMISSIONER FOR PATENTS: Please record the attached original documents or copy thereof.

1. Name of conveying parties:

1. Oleg N. Portniaguine
2. Michael S. Zhdanov

Additional names of conveying parties attached?

☐ Yes ☒ No

2. Name and address of receiving party:

Name: University of Utah Research Foundation

Internal Address:

Street Address: 615 Arapen Drive, Suite 100

City: Salt Lake City State: Utah ZIP: 84108

Additional names of receiving parties attached?

☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other:

Execution Date:

1. May 21, 2001
2. May 18, 2001

4. Application number(s) or Patent number(s):

☐ Application(s) filed herewith Execution Date(s):

☒ Patent Application No.: 09/787,309
International Application No. PCT/US99/21067
International Filing Date: September 13, 1999

☐ Patent No.:

Issue Date:

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James W. Hill, M.D.
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

Internal Address: Sixteenth Floor

Street Address: 620 Newport Center Drive

City: Newport Beach State: CA ZIP: 92660

Attorney's Docket No.: UNIUTAH.005A

7. Total fee (37 CFR 3.41): \$40.00

☒ Enclosed☒ Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

James W. Hill, M.D.

Name of Person Signing

Signature

Date

46,396

Registration No.

Total number of pages including cover sheet, attachments and document: (3)

Mail documents to be recorded with required cover sheet information to:

U.S. Patent and Trademark Office
Attn: Assignment Division
Crystal Gateway-4
1213 Jefferson Davis Highway, Suite 320
Arlington, VA 22202

ASSIGNMENT

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WHEREAS, We, ^{U.S.} Oleg N. Portniaguine, a citizen of Russia, residing at Salt Lake City, UT, and Michael S. Zhdanov, a citizen of ~~Russia~~, residing at Salt Lake City, Utah, have invented certain new and useful improvements in a METHOD OF DIGITAL IMAGE ENHANCEMENT AND SHARPENING for which we filed as International Application No. PCT/US99/21067, the U.S. national phase of which was assigned U.S. Application No. 09/787,309;

AND WHEREAS, University of Utah Research Foundation (hereinafter "ASSIGNEE"), a Utah Corporation, with its principal place of business at 615 Arapleen Drive, Suite 100, Salt Lake City, UT 84108, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21 day of MAY, 2001.



Oleg N. Portniaguine

STATE OF

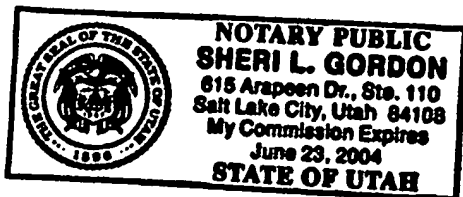
COUNTY OF

ss.

On 5/21/01, before me, Sheri L. Gordon personally appeared Oleg N. Portniaguine personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]





Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18th day of May **COPY**

Michael Zhdanov

Michael S. Zhdanov

STATE OF

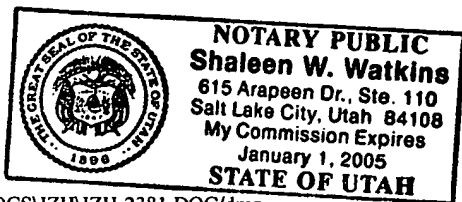
SS.

COUNTY OF

On May 18th, before me, Michael S. Zhdanov, personally appeared Michael S. Zhdanov personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Shaleen W. Watkins

Notary Signature